

Appendix B
Violations Table
(with SDWIS Codes)

State:	West Virginia
Reporting Interval:	January 1, 2003 - December 31, 2003

VOLATILE ORGANIC CONTAMINANTS (VOC)

----- Contaminant -----			----- MCLs -----			----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
2977	1,1-Dichloroethylene	0.007	0	0	0	6	0	2
2981	1,1,1-Trichloroethane	0.2	0	0	0	6	0	2
2985	1,1,2-Trichloroethane	.005	0	0	0	6	0	2
2980	1,2-Dichloroethane	0.005	0	0	0	6	0	2
2983	1,2-Dichloropropane	0.005	0	0	0	6	0	2
2378	1,2,4-Trichlorobenzene	.07	0	0	0	6	0	2
2990	Benzene	0.005	0	0	0	6	0	2
2982	Carbon Tetrachloride	0.005	0	0	0	6	0	2
2380	cis-1,2-Dichloroethylene	0.07	0	0	0	6	0	2
2964	Dichloromethane (Methylene Chloride)	0.005	0	0	0	6	0	2
2992	Ethylbenzene	0.7	0	0	0	6	0	2
2989	Monochlorobenzene (Chlorobenzene)	0.1	0	0	0	6	0	2
2968	o-Dichlorobenzene	0.6	0	0	0	6	0	2
2969	p-Dichlorobenzene	0.075	0	0	0	6	0	2
2996	Styrene	0.1	0	0	0	6	0	2
2987	Tetrachloroethylene	0.005	0	0	0	6	0	2
2991	Toluene	1	0	0	0	6	0	2
2979	trans-1,2-Dichloroethylene	0.1	0	0	0	6	0	2
2984	Trichloroethylene	0.005	2	0	2	7	0	3
2976	Vinyl Chloride	0.002	0	0	0	6	0	2
2955	Xylenes, Total	10	0	0	0	6	0	2
			-----	-----	-----	-----	-----	-----
VOC Totals			2	0	2	127	0	3

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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SYNTHETIC ORGANIC CONTAMINANTS (SOC)

----- Contaminant -----		----- MCLs -----				----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
2931	1,2 Dibromo-3-Chloropropane (DBCP)	0.0002	0	0	0	6	0	2
2105	2,4-D	0.07	0	0	0	6	0	2
2110	2,4,5-TP (Silvex)	0.05	0	0	0	6	0	2
2051	Alachlor (Lasso)	0.002	0	0	0	6	0	2
2050	Atrazine	0.003	0	0	0	6	0	2
2306	Benzo (A) Pyrene	0.0002	0	0	0	6	0	2
2046	Carbofuran	0.04	0	0	0	6	0	2
2959	Chlordane	0.002	0	0	0	6	0	2
2031	Dalapon	0.2	0	0	0	6	0	2
2035	Di(2-Ethylhexyl) Adipate	0.4	0	0	0	6	0	2
2039	Di(2-Ethylhexyl) Phthalate	0.006	0	0	0	6	0	2
2041	Dinoseb	0.007	0	0	0	6	0	2
2005	Endrin	0.002	0	0	0	6	0	2
2946	Ethylene Dibromide (EDB)	0.00005	0	0	0	6	0	2
2010	BHC-gamma (Lindane)	0.0002	0	0	0	6	0	2
2065	Heptachlor	0.0004	0	0	0	6	0	2
2067	Heptachlor Epoxide	0.0002	0	0	0	6	0	2
2042	Hexachlorocyclopentadiene	0.05	0	0	0	6	0	2
2015	Methoxychlor	0.04	0	0	0	6	0	2
2036	Oxamyl (Vydate)	0.2	0	0	0	6	0	2
2326	Pentachlorophenol	0.001	0	0	0	6	0	2

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SYNTHETIC ORGANIC CONTAMINANTS (SOC)

----- Contaminant -----		----- MCLs -----			----- Monitoring -----			
			# of	# of RTC	# of PWSs	# of	# of RTC	# of PWSs
Code	Name	MCL (mg/l)	Violations	Violations	In Violation	Violations	Violations	In Violation
2040	Picloram	0.5	0	0	0	6	0	2
2037	Simazine	0.004	0	0	0	6	0	2
2383	Total Polychlorinated Biphenyls (PCB)	0.0005	0	0	0	6	0	2
2020	Toxaphene	0.003	0	0	0	6	0	2
			-----	-----	-----	-----	-----	-----
SOC MCL and Monitoring Totals			0	0	0	150	0	2

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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INORGANIC CONTAMINANTS (IOC)

----- Contaminant -----			----- MCLs -----			----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
1074	Antimony, Total	0.006	0	0	0	0	0	0
1005	Arsenic	0.05	0	0	0	0	0	0
1010	Barium	2	0	0	0	0	0	0
1075	Beryllium, Total	0.004	0	0	0	0	0	0
1015	Cadmium	0.005	0	0	0	0	0	0
1020	Chromium	0.1	0	0	0	0	0	0
1024	Cyanide	0.2	0	0	0	0	0	0
1025	Fluoride	4.0	0	0	0	0	0	0
1035	Mercury	0.002	0	0	0	0	0	0
1040	Nitrate	10(as Nitrogen)	3	0	1	11	0	7
1045	Selenium	0.05	0	0	0	0	0	0
1085	Thallium, Total	0.002	0	0	0	0	0	0
IOC Totals			3	0	1	11	0	7

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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RADIONUCLIDE CONTAMINANTS (RAD)

----- Contaminant -----			----- MCLs -----			----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
4000	Gross Alpha, Excl. Radon & U	15 pCi/l	0	0	0	0	0	0
4100	Gross Beta Particle Activity	4 mrem/yr	0	0	0	0	0	0
RAD Totals			0	0	0	0	0	0

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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TOTAL COLIFORM RULE (TCR)

----- Contaminant -----			----- MCLs -----			----- Monitoring -----		
Code	Name	MCL (mg/l)	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
21	MCL, Acute (Present)		4	3	4	---	---	---
22	MCL, Monthly (Present)		16	10	15	---	---	---
23, 25	Monitoring Routine & Repeat Major		---	---	---	713	300	326
TCR Totals			20	13	18	713	300	326

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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SURFACE WATER TREATMENT RULE (SWTR)

----- Contaminant -----		----- Monitoring -----			----- Treatment Technique -----		
Code	Name	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
36	Monitoring, Filtered, Routine/Repeat	230	50	52	---	---	---
31	Monitoring, Unfiltered, Routine/Repeat	57	3	14	---	---	---
03	Monitoring, Unfiltered, Turbidity	4	0	2	---	---	---
41	Treatment Technique, Filtered	---	---	---	40	1	14
42	Treatment Technique, Unfiltered, Failure to Filter	---	---	---	25	10	25
SWTR Totals		291	53	55	65	11	28

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

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LEAD AND COPPER RULE (LCR)

----- Contaminant -----		----- Monitoring -----			----- Treatment Technique -----		
Code	Name	# of Violations	# of RTC Violations	# of PWSs In Violation	# of Violations	# of RTC Violations	# of PWSs In Violation
51	Monitoring, Initial Tap Sampling for Lead & Copper	12	1	12	---	---	---
52	Monitoring, Follow-up & Routine Tap Sampling for Lead & Copper	136	0	60	---	---	---
58	Treatment Installation/Demonstration (OCCT and/or SOWT)	---	---	---	1	0	1
65	Public Education	---	---	---	11	0	10
LCR Totals		148	1	66	12	0	10

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various

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CONSUMER NOTIFICATION VIOLATION (CCR)

----- Contaminant -----		----- Monitoring -----		
Violation Type	Name	# of Violations	# of RTC Violations	# of PWSs In Violation
71	CCR Complete Failure to Report	191	81	132

Note: Although a PWS may be out of compliance with more than one contaminant or violation type, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various violation types or contaminants, may not add up to the total.

WEST VIRGINIA

STATE SUMMARY

Rule Group	Chemical Sub-Group	----- MCLs -----			----- Monitoring -----			- Treatment Technique -			- Consumer Notification -		
		# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol	# of Viols	# RTC Viols	# PWSs In Viol
CHEM	VOC	2	0	2	127	0	3	---	---	---	---	---	---
	SOC	0	0	0	150	0	2	0	0	0	---	---	---
	IOC	3	0	1	11	0	7	---	---	---	---	---	---
	RAD	0	0	0	0	0	0	---	---	---	---	---	---
CHEM Sub Total		5	0	3	288	0	9	0	0	0	---	---	---
TCR Sub Total		20	13	18	713	300	326	---	---	---	---	---	---
SWTR Sub Total		0	0	0	291	53	55	65	11	28	---	---	---
LCR Sub Total		---	---	---	148	1	66	12	0	10	---	---	---
Consumer Notif CCR		---	---	---	---	---	---	---	---	---	191	81	132
Grand Total		25	13	21	1440	354	393	77	11	35	191	81	132

Grand Total # Violations (MCL, Monitoring, Treatment Technique, & Consumer Notification): 1733

Grand Total # of PWSs in Violation (MCL, Monitoring, Treatment Technique, & Consumer Notification): 485

Note: Although a PWS may be out of compliance with more than one contaminant group or rule, when calculating totals, it's counted no more than once within the population being totaled. So, the sum of NUMBER OF PWS'S IN VIOLATION, over the various contaminant groups or rules, may not add up to the total.